

Please replace the abstract with the following new abstract:

**--Abstract**

An endovascular implant, which is at least largely biodegradable and whose in vivo degradation can be controlled, comprising a tubular base body, open on its end faces and consisting of at least one biodegradable material, the base body having an in vivo, location-dependent first degradation characteristic  $D_1(x)$ , in addition to a coating that covers the base body completely or in sections and consists of a biodegradable material, the coating having an in vivo, location-dependent second degradation characteristic  $D_2(x)$ . A location-dependent cumulative degradation characteristic  $D(x)$  in one location  $(x)$  is made up of the sum of the respective degradation characteristics  $D_1(x)$  and  $D_2(x)$  in location  $(x)$  and the location-dependent cumulative degradation characteristic  $D(x)$  is predetermined by a variation of the second degradation characteristic  $D_2(x)$  in such a way that the degradation in the given location  $(x)$  of the implant takes place over a predeterminable time period at a predeterminable degradation rate.--